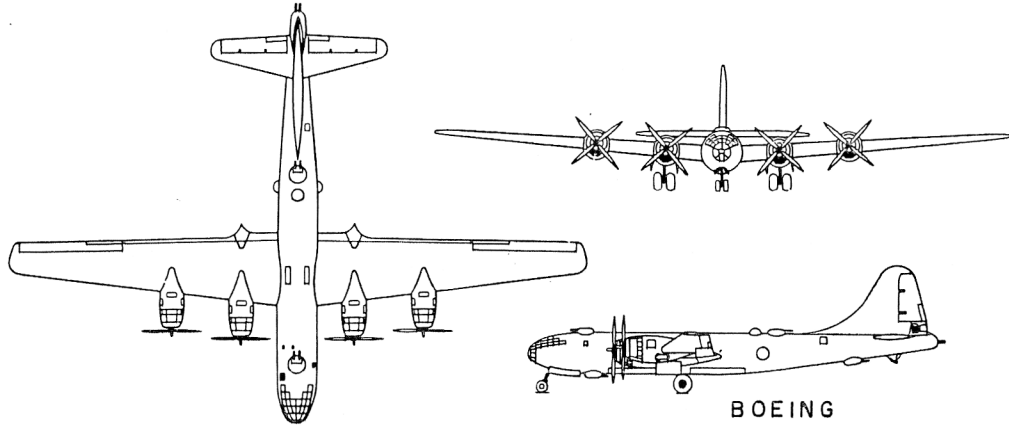


Characteristics Summary

RECONNAISSANCE RB-29A

*Revised to conform
to MIL-C-5011A
1 Oct 52*



Wing area 1720 sq ft Length 99.0 ft
 Span 141.2 ft Height 27.8 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. B-29A modified for reconnaissance by installation of cameras in rear unpressurized compartment.
2. Originally designated F-13A.

POWER PLANT

*(4) R-3350-57 or -57A
 Wright
 ENGINE RATINGS
 BHP-RPM-ALT-MIN
 T.O: 2200-2800-S.L.-5
 Mil: 2200-2600-Turbo-30
 Nor: 2000-2400-Turbo-Cont.
 *Modernized

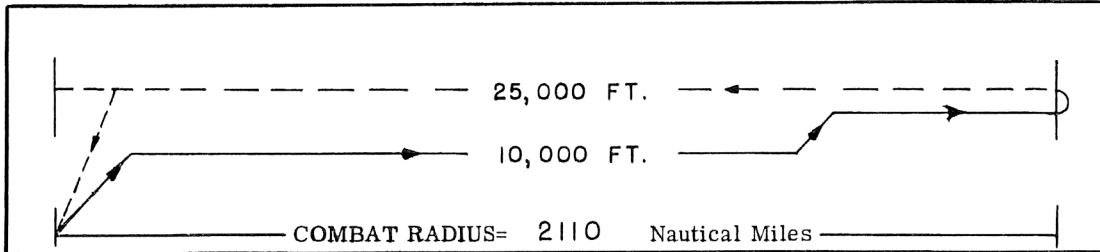
FEATURES

Crew: 13
 Cabin Pressurization and Heating
 Electronic Navigation Equipment
 Night Photo Equipment
 Max Fuel Cap: 9150 gal

ARMAMENT

Turrets: 5
 Guns: 12x.50 cal
 Ammunition (tot.): 6000 rds

Characteristics Summary Basic Mission · · · · RB-29A



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
2110 naut. mi with 500 lb payload at 215 knots avg. in 19.90 hours.	4075 naut. mi with 500 lb payload at 195 knots avg. in 21.05 hours.	329 knots at 25,000 ft alt, max power
		MAXIMUM SPEED
		345 knots at 30,000 ft alt, max power
CLIMB	CEILING	TAKE - OFF
500 fpm sea level, take-off weight normal power	23,950 ft 100 fpm, take-off weight normal power	ground run 5230 ft — ft no assist assisted
1485 fpm sea level, combat weight maximum power	35,000 ft 500 fpm, combat weight maximum power	over 50 ft height 7825 ft — ft no assist assisted
LOAD	WEIGHTS	STALLING SPEED
Cameras: 500 lb Ammunition: 6000 rds/.50 cal	Empty..... 72,421 lb Combat... 106,800 lb Take - off 140,000 lb limited by performance	103 knots flaps down, take-off weight
Fuel: 8945 gal protected 100 % droppable 25 % external 0 %		TIME TO CLIMB _____

N O T E S

1. PERFORMANCE BASIS:
 (a) Flight test
 (b) Fuel density: 6.0 lb/gal
 (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
 (d) War Emergency power of 2500 BHP used for performance computations.

2. REVISION BASIS: To reflect corrected engine models and engine ratings.